

Application No.: 09/960,306

Docket No.: 20272-00688-US

In the Claims:Please amend independent claims 1 and 5 as follows:

1. (Amended) An electrical socket comprising:

a retaining structure and a plurality of wires extending along the socket in a hyperboloid arrangement suitably exposed for contact with a male contact member inserted within the socket,

wherein said wires are arranged in groups of at least two wires each,

wherein a spacing of said wires in each group is closer than a spacing between each adjacent pair of said groups, and

wherein the spacing between each adjacent pair of groups is free of any wires.

5. (Amended) An electrical socket comprising:

a first support member at one end of the socket;

a second support member at an opposite end; a first pair of resilient contact wires extending along the socket at an angle to an axis of the socket;

wherein corresponding wires are attached to said first and second support members at opposite ends;

a second pair of resilient contact wires extending along the socket at an angle to the axis;

said second pair of wires being spaced around the socket from said first pair and being attached with said first and second support members at opposite ends; and

a third pair of resilient contact wires extending along the socket at an angle to the axis;

said third pair of wires being spaced around the socket from said first and second pairs and being attached with said first and second support members at opposite ends such that the three pairs of wires make a hyperboloid arrangement and are suitably exposed for

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C1 contact with a male contact member inserted within the socket,

wherein a spacing between adjacent wires in each of the first and second pairs of

wires is less than a spacing between each of the three pairs of wires, and

wherein the spacing between any adjacent pair of wires is free of any wires.
